AMERICAN VANADIUM

AN ENERGY STORAGE COMPANY

PRESS RELEASE

AMERICAN VANADIUM AND ENERGY SURETY PARTNERS SIGN TEAMING AGREEMENT FOR MICROGRID DEVELOPMENTS

October 10, 2014 - AMERICAN VANADIUM CORP. ("American Vanadium" or the "Company") (TSX.V: AVC) (OTCQX: AVCVF), the North American Master Sales Agent for GILDEMEISTER energy solutions' CellCube vanadium flow energy storage systems, today announces that they have entered into a teaming agreement with Energy Surety Partners ("ESP"), a developer of turnkey utility-scale renewable energy projects with integrated energy storage and distributed generation solutions.

"American Vanadium is proud to be teaming with Energy Surety Partners," said Bill Radvak, President & CEO of American Vanadium. "This partnership combines the expertise of ESP with the CellCube energy storage system to deliver a comprehensive power solution to customers both on and off grid. It is an important step in our strategy and commitment to integrate our technology into projects that create the greatest value for our customers.

"Working with American Vanadium allows us to better address the need to develop proven, safe, reliable and sustainable solutions to our customers," said Sean Lyle, Managing Partner at ESP. "We believe the CellCube energy storage system is an ideal solution for many of our utility-scale and microgrid projects due to the versatility of its applications, ability to deliver long-duration stored energy and superior system life. The American Vanadium relationship further strengthens our positioning in the energy storage marketplace and allows us to provide stronger business propositions through the offering of end to end solutions to our Utility, IPP and Commercial & Industrial customers."

About American Vanadium Corp.

American Vanadium is an integrated energy storage company and the Master Sales Agent in North America for GILDEMEISTER energy solution's CellCube energy storage system. The CellCube is the world's only commercially available vanadium flow battery, providing long duration solutions over a 20+ year life for a broad range of applications including renewable energy integration and demand charge reduction. CellCube is a powerful, durable and reliable energy storage system that ensures a clean, emission-free energy supply at all times. American Vanadium is developing the Gibellini Vanadium Project in Nevada to be the only dedicated vanadium mine in the United States, providing a critical source of vanadium electrolyte for CellCube energy storage systems.

About Energy Surety Partners

ESP develops advanced power projects that integrate clean energy generation technologies (solar and wind) with large scale energy storage to provide "firm" renewable power. Combining intermittent renewable generation technologies with storage yields "firm" power that can be relied upon to meet base and/or peak load needs. Energy storage also provides a range of energy solutions that optimize existing generation, transmission and distribution assets in the power grid. Firming intermittent renewable power generating assets and improving grid operations makes ESP projects attractive to utility grid operators, independent power producers and high volume electricity users while maximizing energy harvest to improve financial performance of the projects. ESP is currently developing 750 MW utility-scale renewable energy projects with over 150 MW of battery storage. In addition, ESP is conducting feasibility analysis on over 500 distributed generation project sites slated for Microgrid deployment in 2015 and 2016. Their leadership has over 75 years of technology and energy experience that includes over 60MW of battery storage deployment. http://www.energy-surety.com

ON BEHALF OF THE BOARD

Bill Radvak, President and CEO

For further information, please contact: Mike Hyslop, Director, Business Development
(604) 681-8588 X 102
mhyslop@americanvanadium.com

www.americanvanadium.com